



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

11805 S.W. 26th Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

<http://www.miamidade.gov/economy/>

Hartman Windows and Doors, LLC

531 Southern Blvd

West Palm Beach, FL 33405

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "American Style Transom" Wood Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. W08-64, series titled "American Fixed/ Transom Window (L.M.I.)", sheets 1 through 6 of 6, dated 06/27/08 with revision "B" dated 05/31/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Section revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LIMITATION:

Glass lites wider than 36" shall have two setting blocks or approved suspension clamps per FBC requirements

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 08-1008.07 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P. E.



J. Gascon
7/19/12

NOA No. 12-0614.06

Expiration Date: May 13, 2014

Approval Date: July 26, 2012

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 08-0603.05)
2. Drawing No. **W08-64**, series titled "American Fixed/ Transom Window (L.M.I.)", sheets 1 through 6 of 6, dated 06/27/08 with revision "**B**" dated 05/31/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of wood French doors with transom and a direct set window, prepared by Hurricane Test Laboratory, LLC, Test Reports No.'s **HTL-0137-0328-05**, dated 09/13/06, **HTL-0137-0101-04**, specimens no. 1 and no. 2, dated 12/30/03 and **HTL-0137-0911-01**, dated 02/21/02, all signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 08-0603.05)

C. CALCULATIONS


1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, prepared by Al-Farooq Corporation, dated 06/01/12, signed and sealed by Javad Ahmad, P. E.
2. **Glazing complies with ASTM E 1300-04**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **11-0325.05** issued to **Solutia, Inc.** for their "**Saflex - Clear or colored Interlayer**" dated 04/21/11, expiring on 04/21/16.
3. Notice of Acceptance No. **08-0520.08** issued to Solutia Inc. for their "**Vanceva Composites Glass Interlayer**" dated 7/17/08, expiring on 12/11/13.


Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 12-0614.06
Expiration Date: May 13, 2014
Approval Date: July 26, 2012

Hartman Windows and Doors, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (CONTINUED)

4. Notice of Acceptance No. **07-1116.11** issued to Saf-Glas, LLC for their “**SAF-GLAS Polycarbonate Laminate**”, dated 12/27/07, expiring on 12/16/12.

F. STATEMENTS

1. Statement letter of no financial interest, conformance and complying with **FBC-2010**, issued by Al-Farooq Corporation, dated 05/30/12, signed and sealed by Javad Ahmad, P. E.
2. Laboratory compliance letters for Test Reports No.’s **HTL-0137-0328-05**, dated 09/13/06, **HTL-0137-0101-04**, specimens no. **1** and no. **2**, dated 12/30/03 and **HTL-0137-0911-01**, dated 02/21/02, all issued by Hurricane Test Laboratory, LLC, all signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 08-0603.05)

G. OTHERS

1. Notice of Acceptance No. **08-1008.07**, issued to Hartman Windows and Doors, LLC for their Series “**American Style Transom Wood Fixed Window – L.M.I.**”, approved on 05/13/09 and expiring on 05/13/14.



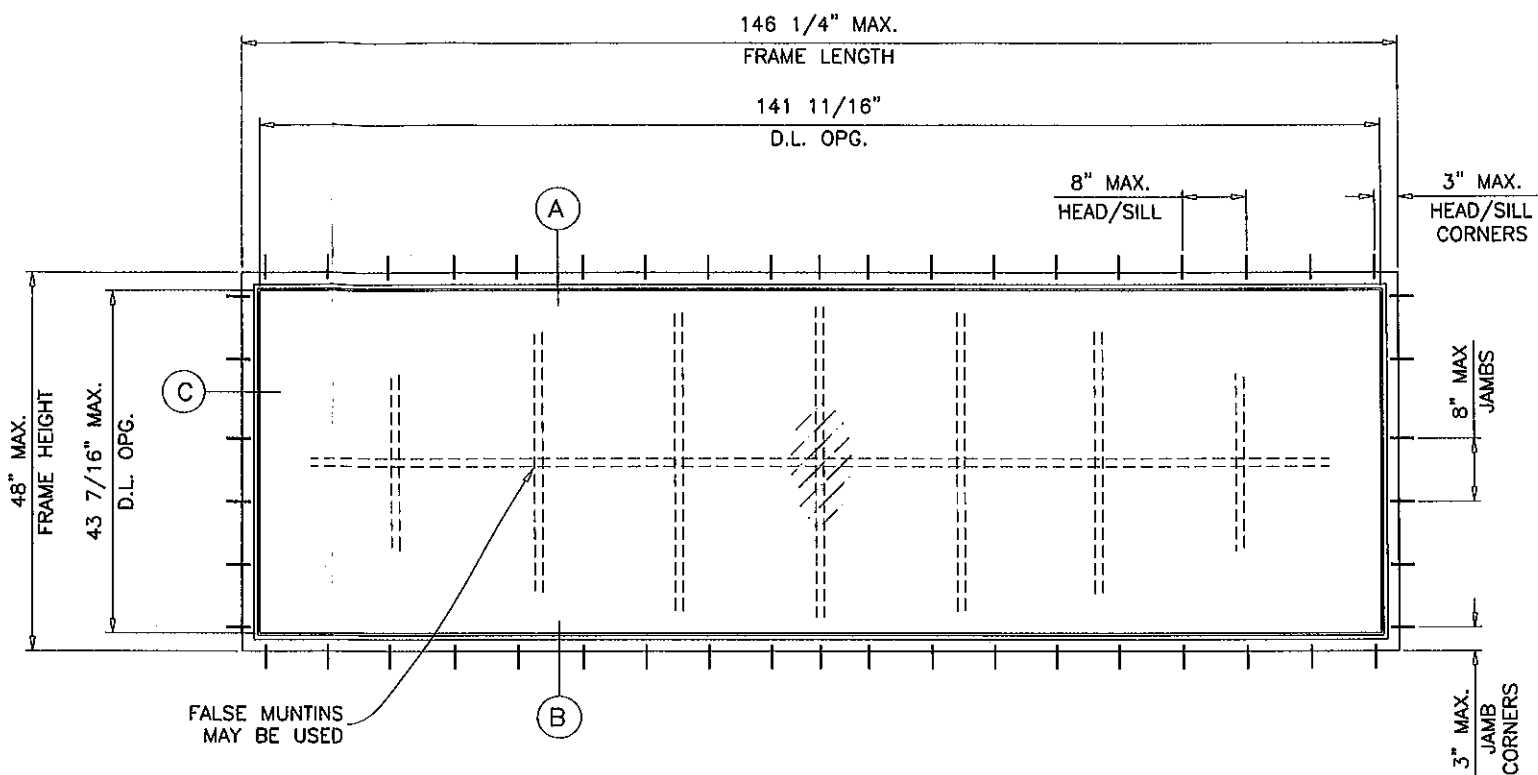
Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 12-0614.06

Expiration Date: May 13, 2014

Approval Date: July 26, 2012



TYPICAL ELEVATION

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

AMERICAN FIXED/TRANSOM WINDOW

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

THESE WINDOWS CAN BE INSTALLED AS SINGLE UNITS OR IN COMBINATION WITH MIAMI-DADE COUNTY APPROVED PRODUCTS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURES FROM WINDOWS, DOORS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

WINDOWS CAN BE INSTALLED WITH ANY OF THE FOLLOWING OPTIONS

- OPTION 1: BY USING FASTENERS THRU FRAME.
- OPTION 2: BY USING FASTENERS THRU STRAP CLIPS.
- OPTION 3: BY USING FASTENERS THRU CONT. ALUM ANGLE.

THE APPROVED PRODUCTS NOTED HEREIN ARE EXEMPT FROM PRESERVATIVE TREATMENT PER 2326.2.1 OF THE FLORIDA BUILDING CODE WHICH EXEMPTS WOOD SPECIES LISTED AS 'DURABLE'. THE SPECIFIC PRODUCTS HEREIN ARE EXEMPTED HONDURAN MAHOGANY-SWietenia macrophylla OR EQUIVALENT SPECIES BASED ON USDA LISTING AND MUST HAVE A SPECIFIC GRAVITY EQUAL TO OR HIGHER THAT THE REFERENCED SPECIES.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0614.06
Expiration Date 05/13/2014
By *[Signature]*
Miami Dade Product Control

LAMINATED GLASS
INSULATING LAMINATED GLASS

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

[Signature]
JUN 1 2012

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 262-6978
FAX. (305) 262-6978

AMERICAN FIXED/TRANSOM WINDOW (L.M.I.)
HARTMAN WINDOWS & DOORS, LLC
531 SOUTHERN BLVD.
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TEL. (561) 296-9600 FAX. (561) 296-9601

revisions:	no	date	by	description
	A	02.27.09		REV. PER BOCO COMMENTS
	B	05.31.12		UPDATED TO 2010 FBC

date: 06-27-08	scale: 1/2"=1'-0"	dr. by: HAMID	chk. by:
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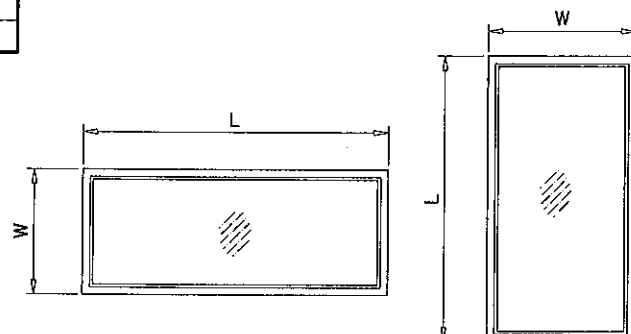
drawing no.
W08-64
sheet 1 of 6

DESIGN LOAD CAPACITY - PSF		
WINDOW DIMS.		GLASS TYPE '1'
WIDTH	LENGTH	EXT.(+) INT.(-)
36"	84"	70.0
42"		70.0
48"		70.0
51"		65.9
36"	90"	70.0
42"		70.0
48"		70.0
51"		65.9
36"	96"	70.0
42"		70.0
48"		70.0
51"		65.9
36"	102"	70.0
42"		70.0
48"		66.0
51"		63.1
36"	108"	70.0
42"		70.0
48"		62.8
51"		59.0
36"	114"	70.0
42"		69.5
48"		59.4
51"		54.7
36"	120"	70.0
42"		67.3
48"		56.8
51"		52.6
36"	126"	70.0
42"		67.0
48"		54.7
51"		50.9
36"	132"	70.0
42"		66.5
48"		53.2
51"		50.2
36"	138"	70.0
42"		65.8
48"		53.3
51"		50.2
36"	144"	70.0
42"		64.0
48"		52.3
51"		50.2
36"	146-1/4"	70.0
42"		63.6
48"		52.0
51"		50.2

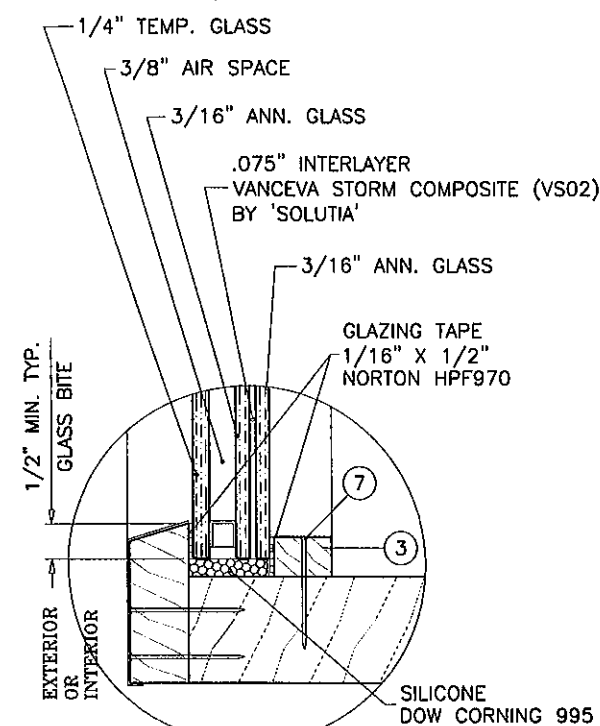
DESIGN LOAD CAPACITY - PSF		
WINDOW DIMS.		GLASS TYPE '2'
WIDTH	LENGTH	EXT.(+) INT.(-)
36"	72"	70.0
42"		70.0
48"		70.0
54"		70.0
36"	78"	70.0
42"		70.0
48"		70.0
54"		68.4
36"	84"	70.0
42"		66.1
48"		64.8
54"		62.9
36"	90"	70.0
42"		67.7
48"		65.2
54"		59.8
36"	96"	70.0
42"		65.2
48"		60.6
54"		56.0
36"	102"	70.0
42"		65.7
48"		56.9
54"		51.9
36"	108"	70.0
42"		62.4
48"		54.0
54"		47.2
36"	113"	70.0
42"		60.1
48"		51.5
54"		45.3
36"	118"	70.0
42"		60.1
48"		51.5
54"		45.0

DESIGN LOAD CAPACITY - PSF		
WINDOW DIMS.		GLASS TYPE '3'
WIDTH	LENGTH	EXT.(+) INT.(-)
36"	84"	70.0
42"		70.0
48"		70.0
54"		70.0
36"	90"	70.0
42"		70.0
48"		70.0
54"		70.0
36"	96"	70.0
42"		70.0
48"		70.0
54"		70.0
36"	102"	70.0
42"		70.0
48"		70.0
54"		70.0
36"	108"	70.0
42"		70.0
48"		70.0
54"		70.0
36"	114"	70.0
42"		70.0
48"		70.0
54"		70.0
36"	120"	70.0
42"		70.0
48"		70.0
54"		70.0

DESIGN LOAD CAPACITY - PSF		
WINDOW DIMS.		GLASS TYPE '4'
WIDTH	LENGTH	EXT.(+) INT.(-)
36"	72"	70.0
42"		70.0
48"		70.0
54"		70.0
36"	78"	69.6
42"		70.0
48"		70.0
54"		70.0
36"	84"	66.1
42"		66.1
48"		62.0
54"		60.3
36"	90"	65.2
42"		59.8
48"		57.0
54"		55.2
36"	96"	60.6
42"		56.0
48"		51.8
54"		50.9
36"	102"	56.9
42"		51.9
48"		48.0
54"		47.7
36"	108"	54.0
42"		47.2
48"		45.7
54"		44.5
36"	114"	51.1
42"		45.0
48"		43.0
54"		40.9
36"	120"	48.5
42"		44.2
48"		39.4
54"		37.2
36"	126"	47.1
42"		42.0
48"		42.0
54"		42.0

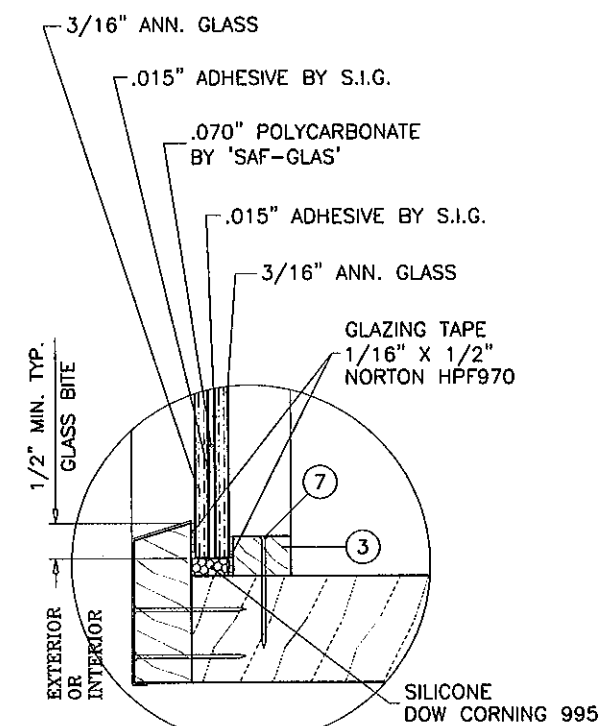


NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



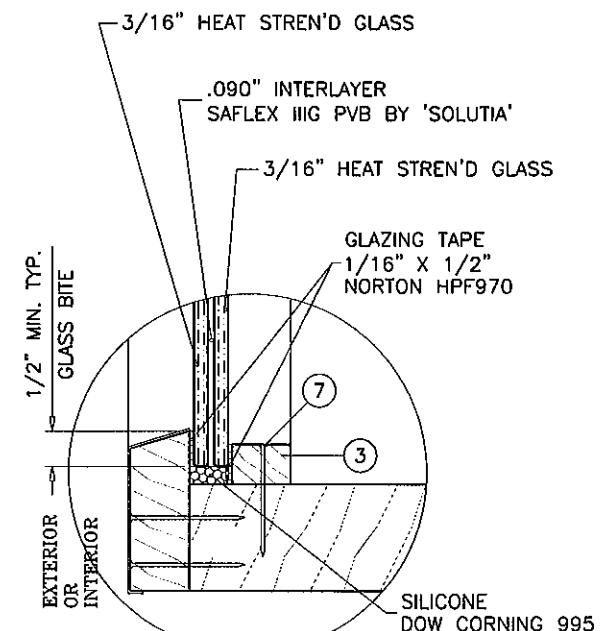
GLASS TYPE '1'

1-3/16" OVERALL INSUL. LAM. GLASS



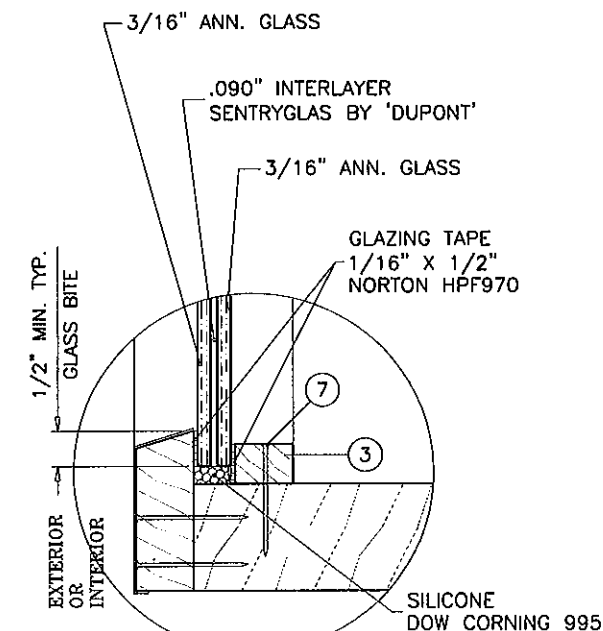
GLASS TYPE '2'

7/16" OVERALL LAM. GLASS



GLASS TYPE '3'

7/16" OVERALL LAM. GLASS



GLASS TYPE '4'

7/16" OVERALL LAM. GLASS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0614.06
Expiration Date 05/13/2014
By: [Signature]
Miami Dade Product Control

GLAZING OPTIONS

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

JUN 01 2012

AL-FAROOQ CORPORATION
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COMP-ANL W08-64HWD

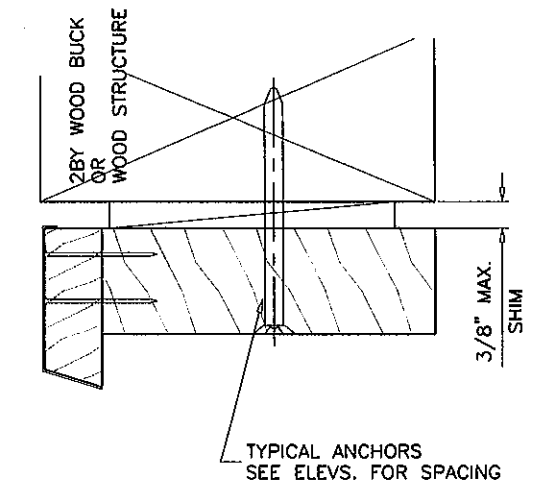
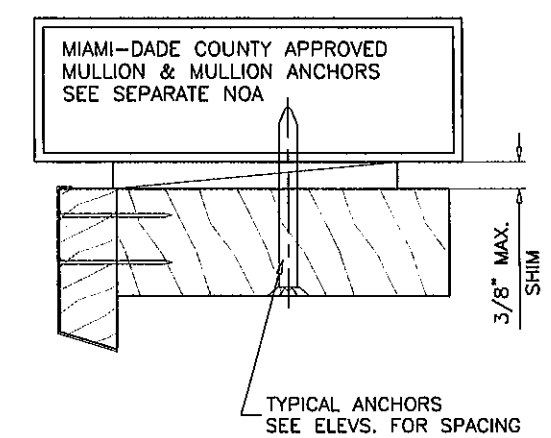
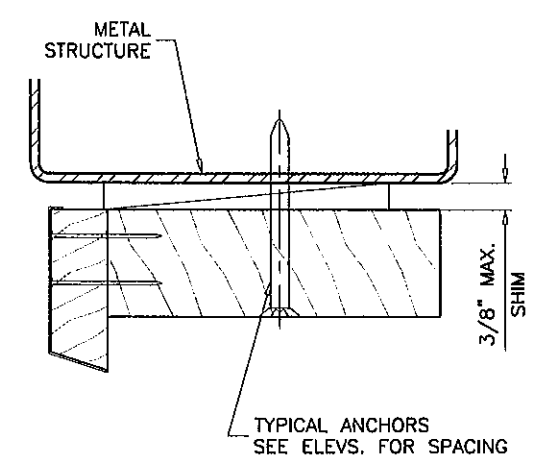
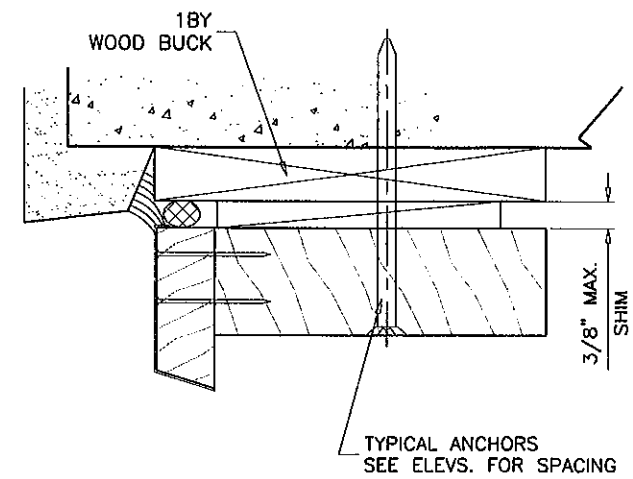
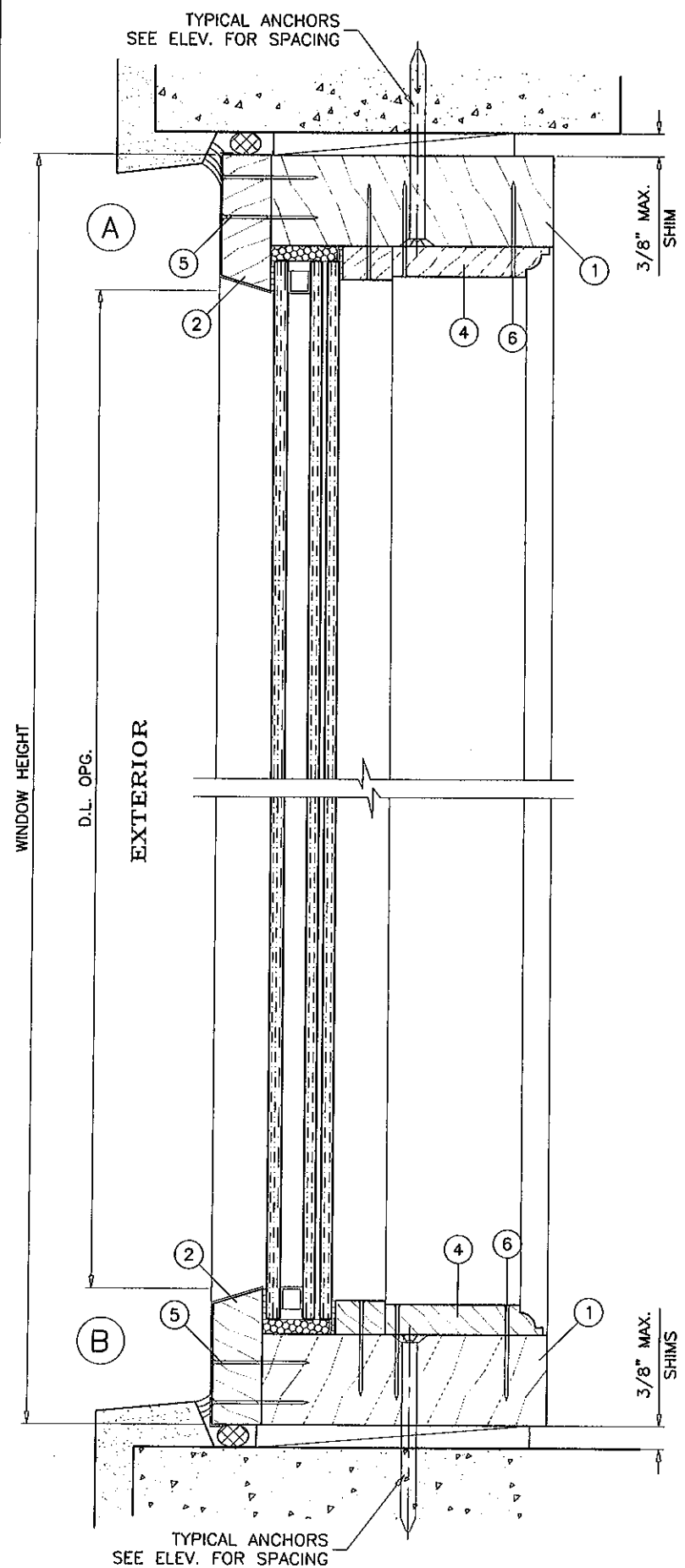
AMERICAN FIXED/TRANSOM WINDOW (L.M.I.)
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revisions:	no	date	by	description
	A	02.27.09		NO CHANGE THIS SHEET
	B	05.31.12		UPDATED TO 2010 FBC
date:	06-27-08			
scale:	3/8" = 1"			
dr. by:	HAMID			
chk. by:				
drawing no.	W08-64			
sheet	2 of 6			

WINDOW HEIGHT

D.L. OPG.

EXTERIOR



WOOD BUCKS NOT BY HARTMAN WINDOWS, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

ANCHORS THRU WINDOW FRAME

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")

INTO METAL STRUCTURES
STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHORS EDGE DISTANCES

INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

SEALANT:

ALL JOINTS SEALED WITH SONNEBORN NP 1 POLYURETHANE SEALANT.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0614.06
Expiration Date 05/13/2014

By *Javad Ahmad*
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

JUN 01 2012

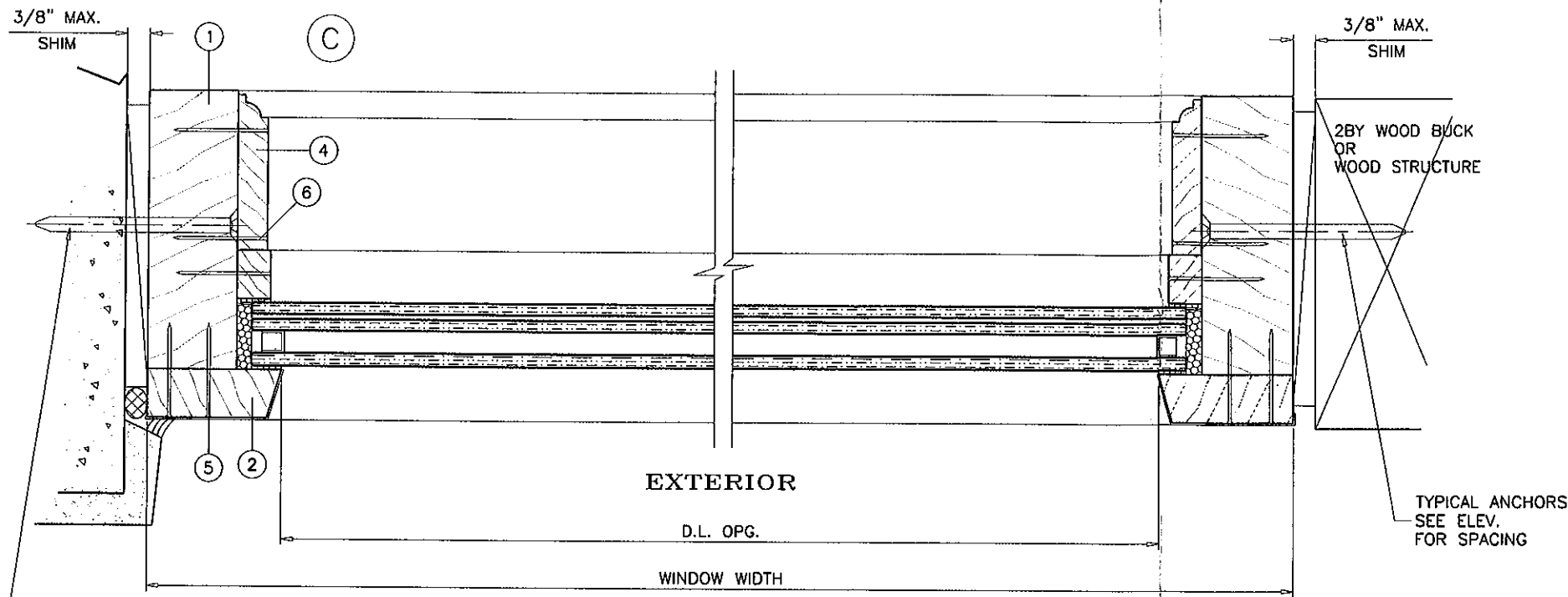
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COMP-ANL\W08-64HWD

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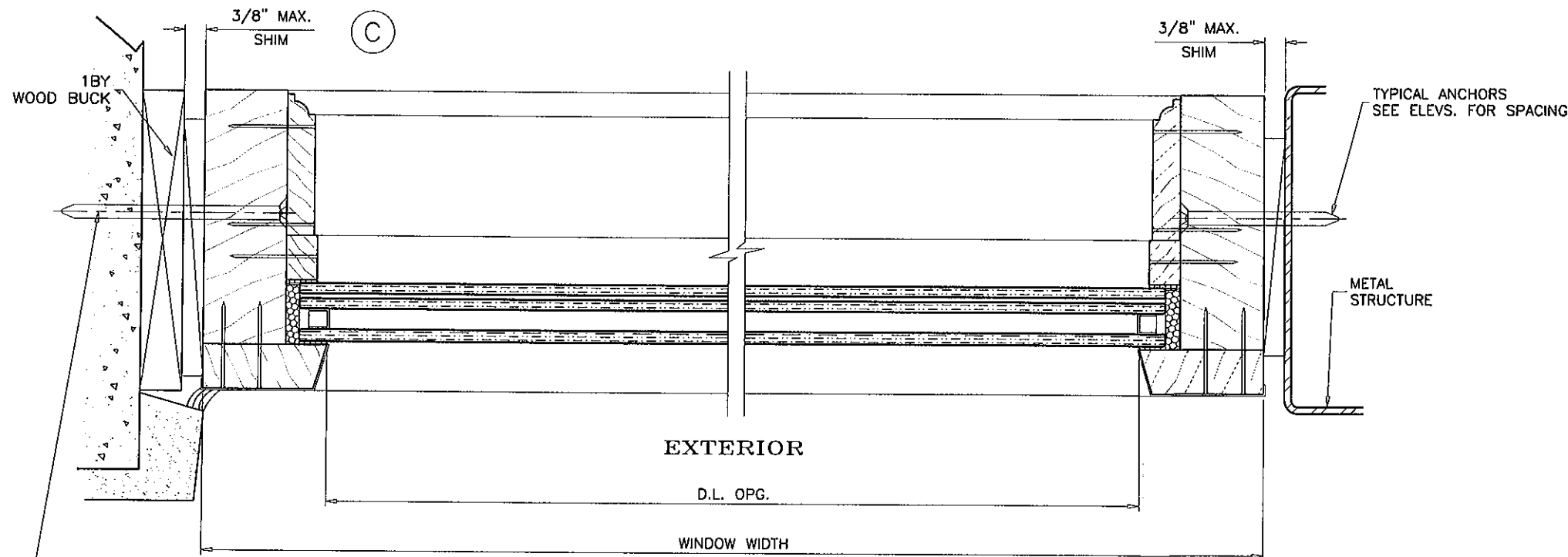
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A	02.27.09		NO CHANGE THIS SHEET
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date: 06-27-08
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W08-64
sheet 3 of 6



TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-061406
Expiration Date 05/13/2014
By [Signature]
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

[Signature]
JUN 01 2012

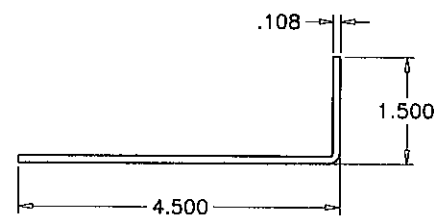
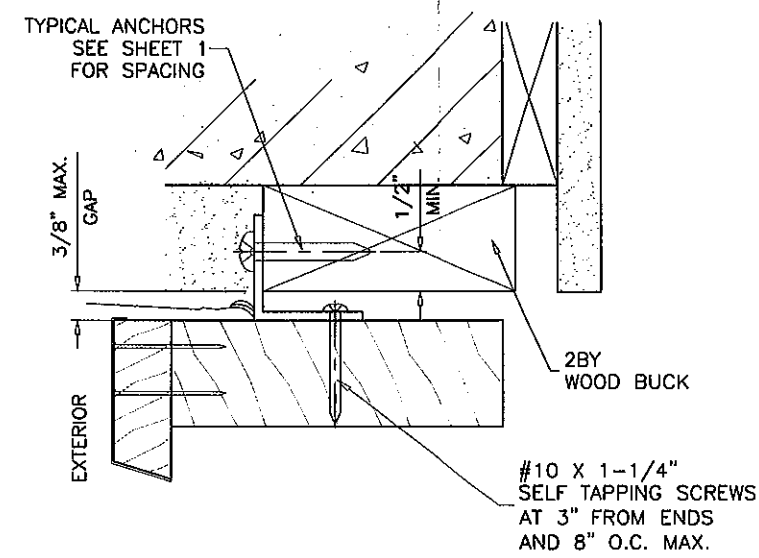
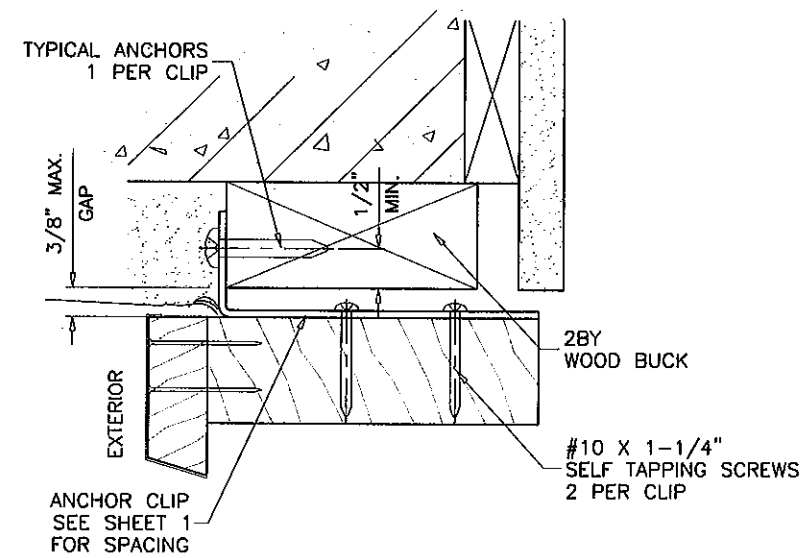
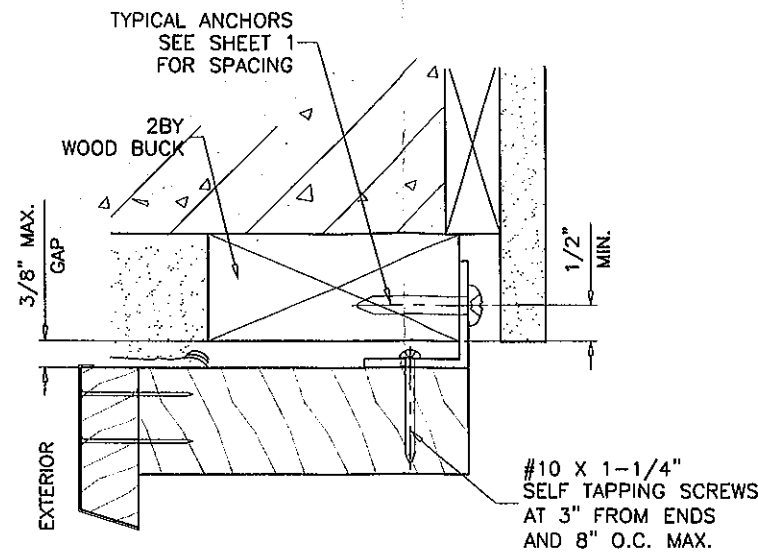
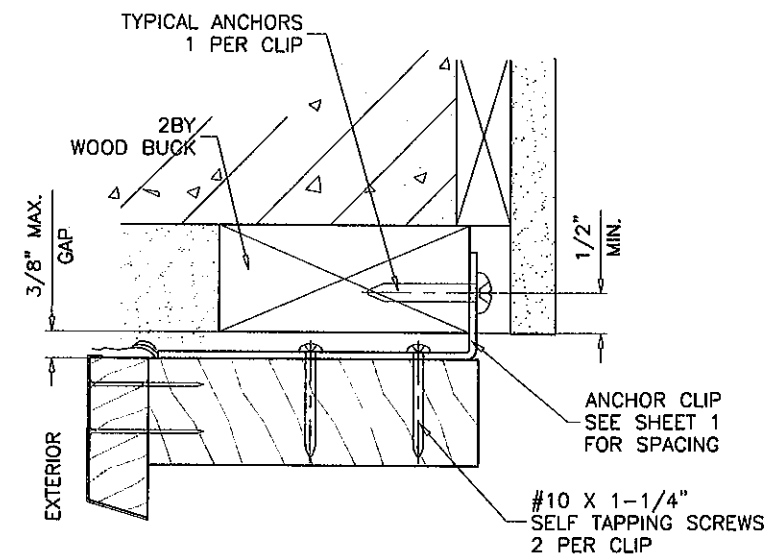
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE.
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP -ANL\W08-64HWD

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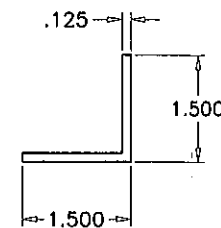
revisions:		no	date	by	description
A	02.27.09				NO CHANGE THIS SHEET
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date: 06-27-08
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W08-64
sheet 4 of 6



STRAP CLIP, 1-3/8" WIDE
12 GA. GALV. STEEL



ALUMINUM ANGLE CONT.
(6063-T6)

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

ANCHORS THRU STRAP CLIPS & ALUM ANGLE

#10 SMS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-3/4" MIN. PENETRATION INTO WOOD

ANCHOR EDGE DISTANCES

INTO WOOD STRUCTURE = 1/2" MIN.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0614.06
Expiration Date 05/13/2014
By *[Signature]*
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. 'PE # 70592
C.A.N. 3538

[Signature]
JUN 1 2012

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL \W08-64HWD

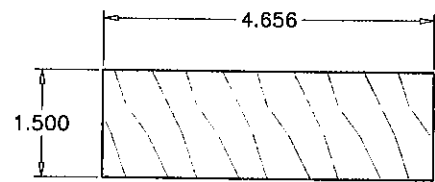
AMERICAN FIXED/TRANSOM WINDOW (L.M.I.)
HARTMAN WINDOWS & DOORS, LLC
531 SOUTHERN BLVD.
WEST PALM BEACH, FL 33405
TEL. (561) 296-9600 FAX. (561) 296-9601

no.	date	by	description
A	02.27.09		NO CHANGE THIS SHEET
B	05.31.12		NO CHANGE THIS SHEET

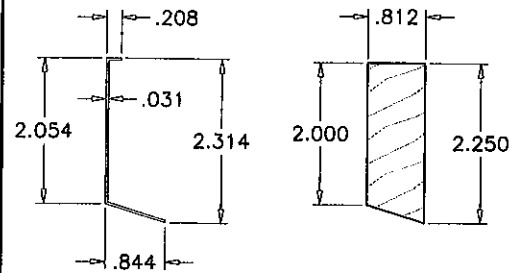
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dr. by: HAMID
chk. by:

drawing no.
W08-64

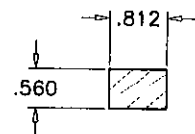
sheet 5 of 6



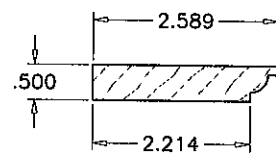
① FRAME HEAD/SILL/JAMB



OPTIONAL CLADDING (COPPER) ② EXTERIOR GLASS STOP



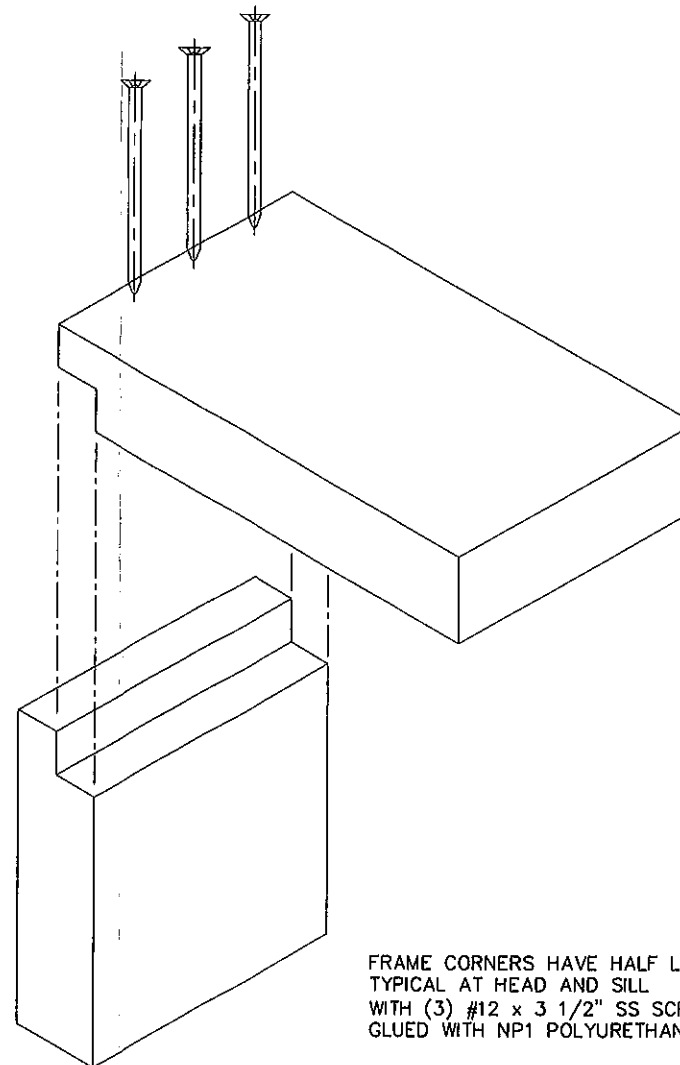
③ INTERIOR GLASS STOP



④ INTERIOR TRIM

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	4/ WDW.	FRAME HEAD/SILL/JAMB	WOOD	MAHOGANY
2	-	4/ WDW.	EXTERIOR GLASS STOP	WOOD	MAHOGANY
3	-	4/ WDW.	INTERIOR GLASS STOP	WOOD	MAHOGANY
4	-	4/ WDW.	INTERIOR TRIM	WOOD	MAHOGANY
5	-	AS REQD.	18 GA. X 1-1/2" BRAD NAILS IN DOUBLE ROWS	-	2" FROM ENDS & 12" O.C.
6	-	AS REQD.	18 GA. X 1-1/2" BRAD NAILS IN DOUBLE ROW	-	2" FROM ENDS & 6" O.C.
7	-	AS REQD.	18 GA. X 1-1/2" BRAD NAILS	-	2" FROM ENDS & 12" O.C.

TYPICAL WOOD-HONDURES MAHOGANY LUMBER
SPECIFIC GRAVITY = 0.45 MIN.
GRADE = 2 MIN.
MOISTURE CONTENT = 19% MAX.



FRAME CORNERS HAVE HALF LAP JOINT
TYPICAL AT HEAD AND SILL
WITH (3) #12 x 3 1/2" SS SCREWS AND
GLUED WITH NP1 POLYURETHANE SEALANT.

FRAME CORNER DETAILS

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sheet 6 of 6